

**ABSTRACT**

[00039] A portable fume exhauster and dryer includes a motor fan mounted in a housing having a supporting structure adapted to rest on a horizontal surface, such as a floor, or on an uneven or slanted, often narrow surface, for example, a window sill. The housing of the exhauster and dryer has flanges at intake and exhaust openings to which grilles and/or conduits can be attached for remote intake or exhaust of fumes and moisture. Circuitry for the device may be provided to prevent electrical shock, power surges and thermal overload, and a switch may be provided for operation by an operator wearing protective clothing, such as heavy gloves.